



REFERENCES USED TO COMPILE FAULT DATA

Malibu Beach Quadrangle

- Drumm, P.L., 1982, Holocene displacement of the central splay of the Malibu Coast Fault Zone, Latigo Canyon, Malibu in Pipkin, B.W., and Proctor, R.J., eds., Engineering geology practices in southern California: Association of Engineering Geologists Special Publication No. 4, p. 247-254.
- Rzonca, G.F., Spellman, H.A., Fall, E.W., and Shlenson, R.J., 1991, Holocene displacement of the Malibu Coast Fault Zone, Winter Mesa, Malibu, California: engineering geologic implications: Bulletin of the Association of Engineering Geologists, v.XXVIII, no.2, p.147-158.
- Treiman, J.A., 1994, Malibu Coast Fault Zone, Los Angeles County, California: California Division of Mines and Geology Fault Evaluation Report FER-229 (unpublished).
- Treiman, J.A., 2007, Splays associated with the Malibu Coast Fault Zone at Winter Mesa, Malibu, Los Angeles County, California: California Geological Survey, Supplement #1 to Fault Evaluation Report FER-229 (unpublished).
- Yerkes, R.F., and Campbell, R.H., 1980, Geologic map of east-central Santa Monica Mountains, Los Angeles County, California: U.S. Geological Survey Miscellaneous Investigations Series, Map I-149, scale 1:24,000.
- For additional information on faults in this map area, the rationale used for zoning, and additional references consulted, refer to unpublished Fault Evaluation Reports on file at regional offices of CGS.

IMPORTANT - PLEASE NOTE

- This map may not show all faults that have the potential for surface fault rupture, either within the Earthquake Fault Zones or outside their boundaries.
- Faults shown are the basis for establishing the boundaries of the Earthquake Fault Zones.
- The identification and location of these faults are based on the best available data. However, the quality of data used is varied. Traces have been drawn as accurately as possible at this map scale.
- Fault information on this map is not sufficient to serve as a substitute for the geologic site investigations required under Chapter 7.5 of Division 2 of the California Public Resources Code.

MAP EXPLANATION

- Active Faults**
- 1906
- Faults considered to have been active during Holocene time and to have potential for surface rupture; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by fault creep.
- Earthquake Fault Zone Boundaries**
- These are delineated as straight-line segments that connect encircled turning points so as to define Earthquake Fault Zone segments.
- Seaward projection of zone boundary.

STATE OF CALIFORNIA  
EARTHQUAKE FAULT ZONES

Delineated in compliance with  
Chapter 7.5, Division 2 of the California Public Resources Code  
(Alquist-Priolo Earthquake Fault Zoning Act)

MALIBU BEACH QUADRANGLE

PRELIMINARY REVIEW MAP

Effective : February 16, 2007

SEND TECHNICAL COMMENTS TO:  
State Mining and Geology Board  
801 K Street, MS 20-15  
Sacramento, CA 95814  
COMMENT DEADLINE: May 16, 2007